

Troels Harmark

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,835
citations

159525

30
h-index

175177

52
g-index

70
all docs

70
docs citations

70
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
19	Phase structure of black holes and strings on cylinders. Nuclear Physics B, 2004, 684, 183-208.	0.9	59
20	Blackfolds in supergravity and string theory. Journal of High Energy Physics, 2011, 2011, 1.	1.6	54
21	Quantum mechanical sectors in thermal super-Yang-Mills on. Nuclear Physics B, 2006, 757, 117-145.	0.9	50
22	Sequences of Bubbles and Holes: New Phases of Kaluza-Klein Black Holes. Journal of High Energy Physics, 2005, 2005, 003-003.	1.6	46
23	Open branes in space-time non-commutative little string theory. Nuclear Physics B, 2001, 593, 76-98.	0.9	40
24	Thermodynamics of the hot Blon. Nuclear Physics B, 2011, 851, 462-480.	0.9	40
25	Phase structure of non-commutative field theories and spinning brane bound states. Journal of High Energy Physics, 2000, 2000, 024-024.	1.6	37
26	Gauge theory description of compactified pp-waves. Journal of High Energy Physics, 2003, 2003, 016-016.	1.6	35
27	Spin Matrix theory: a quantum mechanical model of the AdS/CFT correspondence. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
28	Structure of stationary and axisymmetric metrics. Physical Review D, 2005, 72, .	1.6	33
29	The Young modulus of black strings and the fine structure of blackfolds. Journal of High Energy Physics, 2012, 2012, 1.	1.6	32
30	Matching the Hagedorn temperature in AdS/CFT correspondence. Physical Review D, 2006, 74, .	1.6	30
31	Decoupling limits of $\mathcal{N} = 4$ super Yang-Mills on S^3 . Journal of High Energy Physics, 2007, 2007, 115-115.	1.6	30
32	Matching gauge theory and string theory in a decoupling limit of AdS/CFT. Journal of High Energy Physics, 2009, 2009, 027-027.	1.6	28
33	Torsional string Newton-Cartan geometry for non-relativistic strings. Journal of High Energy Physics, 2022, 2022, 1.	1.6	26
34	Holographic 3-point function at one loop. Journal of High Energy Physics, 2012, 2012, 1.	1.6	24
35	Instabilities of near-extremal smeared branes and the correlated stability conjecture. Journal of High Energy Physics, 2005, 2005, 045-045.	1.6	23
36	Extremal black hole horizons. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23

#	ARTICLE	IF	CITATIONS
37	Finite size giant magnons in the string dual of $\mathcal{N} = 6$ superconformal Chern-Simons theory. Journal of High Energy Physics, 2008, 2008, 008-008.	1.6	21
38	Thermal string probes in AdS and finite temperature Wilson loops. Journal of High Energy Physics, 2012, 2012, 1.	1.6	21
39	Thermal Giant Gravitons. Journal of High Energy Physics, 2012, 2012, 1.	1.6	21
40	Finite-size corrections for quantum strings on $S^4 \times CP^3$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	19
41	Hagedorn Temperature of $AdS_5 \times S^5$ via Integrability. Physical Review Letters, 2018, 120, 071605.	2.9	15
42	The Hagedorn temperature of AdS5/CFT4 at finite coupling via the Quantum Spectral Curve. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 53-58.	1.5	19
43	Magnetic Heisenberg-chain/pp-wave correspondence. Journal of High Energy Physics, 2007, 2007, 085-085.	1.6	18
44	Constraints on the effective fluid theory of stationary branes. Journal of High Energy Physics, 2014, 2014, 1.	1.6	18
45	Spin Matrix theory string backgrounds and Penrose limits of AdS/CFT. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
46	Multi-black-hole configurations on the cylinder. Physical Review D, 2007, 76, .	1.6	16
47	Domain structure of black hole space-times. Physical Review D, 2009, 80, .	1.6	15
48	Full Lagrangian and Hamiltonian for quantum strings on $AdS_4 \times CP^3$ in a near plane wave limit. Journal of High Energy Physics, 2010, 2010, 1.	1.6	15
49	Uniqueness theorem for black hole space-times with multiple disconnected horizons. Journal of High Energy Physics, 2010, 2010, 1.	1.6	14
50	Interacting giant gravitons from spin matrix theory. Physical Review D, 2016, 94, .	1.6	14
51	Thermal DBI action for the D3-brane at weak and strong coupling. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
52	Existence of the Blandford-Znajek monopole for a slowly rotating Kerr black hole. Physical Review D, 2018, 98, .	1.6	12
53	Nonrelativistic Corners of $N=4$ Supersymmetric Yang-Mills Theory. Physical Review Letters, 2020, 124, 171602.	2.9	12
54	Finite-size corrections to the rotating string and the winding state. Journal of High Energy Physics, 2008, 2008, 099-099.	1.6	11

#	ARTICLE	IF	CITATIONS
55	Thermodynamics of the near-extremal NS5-brane. Nuclear Physics B, 2006, 742, 41-58.	0.9	9
56	Born-Infeld/gravity correspondence. Physical Review D, 2016, 94, .	1.6	9
57	Nonrelativistic near-BPS corners of $\mathcal{N} = 4$ super-Yang-Mills with $SU(1, 1)$ symmetry. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
58	Symmetry structure of the interactions in near-BPS corners of $\mathcal{N} = 4$ super-Yang-Mills. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
59	Spin Matrix Theory in near $\frac{1}{8}$ -BPS corners of $\mathcal{N} = 4$ super-Yang-Mills. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
60	New Penrose limits and AdS/CFT. Journal of High Energy Physics, 2010, 2010, 1.	1.6	8
61	Black holes and biophysical (mem)-branes. Physical Review D, 2014, 90, .	1.6	8
62	Phases of Kaluza-Klein black holes. Classical and Quantum Gravity, 2004, 21, S1509-S1516.	1.5	6
63	Three-charge black holes on a circle. Journal of High Energy Physics, 2007, 2007, 023-023.	1.6	6
64	Stable non-supersymmetric vacua in the moduli space of non-critical superstrings. Nuclear Physics B, 2006, 759, 20-49.	0.9	5
65	Domain structure of black hole space-times with a cosmological constant. Physical Review D, 2012, 85, .	1.6	5
66	Force-free electrodynamics near rotation axis of a Kerr black hole. Classical and Quantum Gravity, 2020, 37, 085012.	1.5	5
67	Force-free magnetosphere attractors for near-horizon extreme and near-extreme limits of Kerr black hole. Classical and Quantum Gravity, 2021, 38, 075022.	1.5	5
68	Flowing Blon. Physical Review D, 2017, 96, .	1.6	4
69	Fixing the non-relativistic expansion of the 1PM potential. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
70	Open Branes and Little Strings. Fortschritte Der Physik, 2001, 49, 519.	1.5	1